Solar LED Floodlight

Model Number 19702/06

INSTRUCTION MANUAL

N 974

Contents

ALDI

LIGHTWAY®

Solar LED Floodlight

Warranty Details

The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

AFTER SALES SUPPORT
☎ (AUS) (03) 9765 2555

AUS Hotline Costs

✉ sales@brilliantlighting.com.au

Model: 19702/06 Product code: 56428 05/2017

1 YEAR WARRANTY

General Information & Warnings

> Congratulations on choosing to buy a Lightway® product.
>
> All products brought to you by Lightway® are manufactured to the highest standards of performance and safety, and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 12 months warranty.
>
> We hope you will enjoy using your purchase for many years to come.

General Information and Safety Instructions

Before first using your new Solar Floodlight with sensor, it is most important that you read and follow these instructions, even if you feel you are quite familiar with this product. Keep this document in a safe place for future reference.

Application

This product is intended for outdoor use where the solar panel is in full sunshine and the sensor lights are directed to an area to be lit. This product is intended for domestic use only and is not intended for commercial, industrial or trade use.

Model

SOLAR LED FLOODLIGHT WITH SENSOR MODEL no: 19702/06

Cautions

Ensure that only persons with the necessary skills install and maintain this product.
If unsure about installation, please contact a technical person for advice. Do not force any part of this product other than in the direction of movement stated in these instructions. Young children and infirmed persons should be supervised to ensure they do not play with this sensor lamp. Allow for battery to fully charge in 2 days of sunlight before use. Follow cleaning procedures to fully maintain this product throughout its life.

Compliance

IEC 82079-1 : 2012 Standards. Preparation of instructions for use - Structuring content and presentation – part 1: general principles and detailed requirements
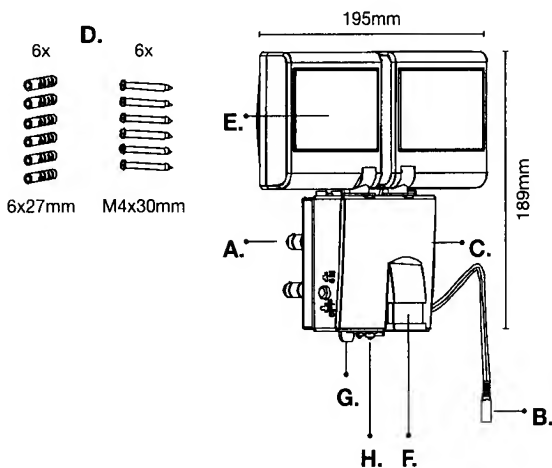
Parts List & Specifications

Parts List

A. Mounting base
B. Cable with socket
C. Battery/sensor body
D. Mounting screws & plugs
E. LED Floodlights
F. PIR sensor
G. Time adjustment dial
H. Lux adjusting dial
J. Solar panel
K. Solar panel base
L. Cable with plug

Specifications
Model No: 19702/06

Product description:
Lightway solar LED floodlight with sensor
10W LED 1000lm 5000K
Lithium-Ion Battery 3600mAh 3.7V 13.32Wh
Class: III
Weight: 0.5kg
Weather resistant rating: IP44
Recommended mounting height: 2.0m – 2.5m
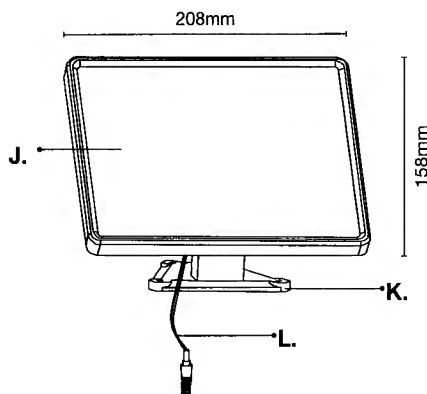
Amorphous solar panel
1.8W, 4.2-4.5V DC, 200mA
3m long cord
Use with product Model No: 19702/06 only
Class: III
Weight: 0.44 kg
Weather resistant rating: IP44

Product Installation

Unpack the product carefully and place on a flat surface. Dispose of all packaging material thoughtfully.

(A) Main Unit
The main unit contains the lamp (2 x 10pcs LED), motion sensor and battery
(Lithium-Ion Rechargeable battery, 3.7V, 3600mAh).
When determining where to mount this unit, please consider that the motion sensor has a detection scope of max. 8 metres (in front of the light) and about 120° (horizontal) at 25°C environmental temperature. The detection range of the unit may alter with temperature change, the mounting height and location. All Passive Infra-Red detectors are more sensitive in cold and dry weather than warm and humid weather.

(B) Solar Panel
The solar panel is the main charging source for the SOLAR PIR SENSOR LIGHT. It converts the sunlight's energy into electricity that charges the battery in the main unit. It requires DIRECT SUNLIGHT onto the surface of solar panel for as long as possible during the daytime in order to fully charge the batteries. The more direct sunlight the solar panel receives during daytime, the longer the light will operate. Locate the Solar panel on a North facing wall on optimum inclination angle of 60 degrees from vertical wall.
***Note:** Use compass if required to determine true NORTH

DIY Installation and Some Assembly Required
Before installation, take into consideration that the connecting lead length between the sensor light and solar panel is 3m. Ensure that only persons with the necessary skills install, assemble or adjust the sensor. Do not allow children, infirmed persons or other non-skilled persons to maintain this light fitting.

Installation of Solar Panel
(A) Drill holes in a North-facing solid surface and insert the plastic rawl plugs so that they are fully inserted into the hole. Alternatively pre-drill holes in a timber wall. (Fig 1)

Fig. 1
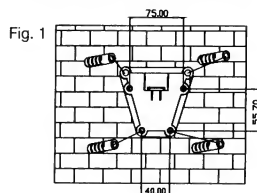
(B) Use the screws provided in the package (or other suitable method) to securely mount the solar panel unit onto the wall. (Fig 2).

Fig. 2
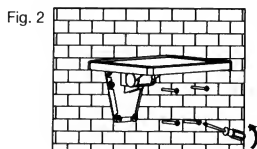
(C) You can then pivot the angle of the solar panel UP or DOWN to face as much DIRECT SUNLIGHT as possible during the daytime. The recommended optimum tilt angle is 60 degrees measured from vertical wall.
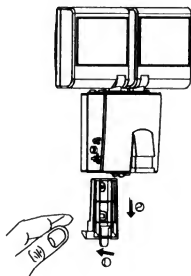

Fig. 3

North
(no shade)

60°

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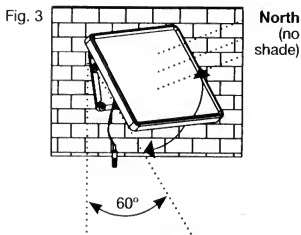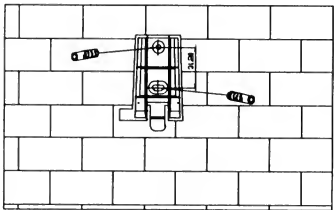
Installation of Sensor

(A) Push down on plastic tab and pull down from body of sensor to remove mounting bracket. (Fig 4).
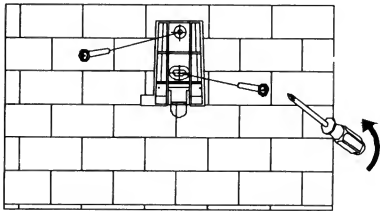
Fig. 4

(B) Drill holes and insert rawl plugs into solid brick wall or alternatively pre-drill holes for timber wall using the mounting bracket as a template. (Fig 5).
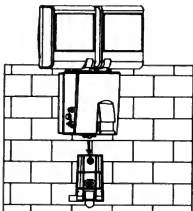
Fig. 5

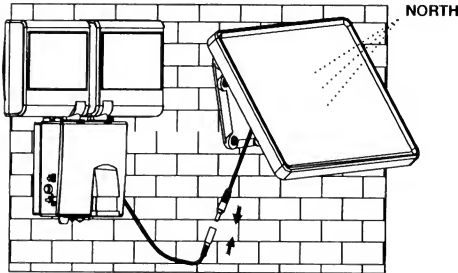(C) Securely mount the wall bracket to the wall. (Fig 6)

Fig. 6

(D) Slide the sensor over the bracket and let it 'Click' into position so it is secured correctly. (Fig 7).

Fig. 7

(E) Route the Solar panel power cable to the sensor and plug it into the sensor. Adjust the lights UP or DOWN (Fig 8). The unit is now ready to operate.

Fig. 8

NORTH

Final Adjustment and Startup

Prior to the first use of this product, check that the solar panel is on a North facing wall and adjusted upwards towards the sun. Push the switch button up to "OFF" at the main sensor unit and allow the Solar panel to charge the battery for at least 2 full sunny days before switching the sensor "ON". After 2 days in the sun, press the switch button down to "ON" and the sensor light can now be used.

Sensor Control

On the motion sensor there are two adjusting knobs: TIME & LUX

(1) TIME --- Duration time: For how long you wish the light to run
after motion is detected in the field, the duration time is from
5 seconds to 1 minute adjustable.
Note: Once the light is activated by the PIR sensor, any subsequent
detection will restart the timed period again from the beginning.

(2) LUX --- Lux control level: The Lux control module has a built-in
sensing device (photocell) that detects daylight and darkness. (.)
position denotes that the light will be turned on by PIR during day
and night, (⟩) position denotes that the light will be turned on
by PIR only at night. You can set desired level to run the unit by
adjusting the LUX knob.
Note: If, in normal operating position, the unit turns on when it is too
bright outside, turn the control towards (⟩). However, if the light is not
activating during night time because of a street light or bright house
light, turn this control towards (.).

1min   10sec

TIME

Daylight   Night time

LUX

Walk Test

Point the motion sensor to face the area you want to detect motion in and set the TIME knob to
minimum (-) position and LUX knob to "light" (.) position. Walking slowly in its detection area, the
sensor will detect moving invisible infra-red radiation given off by a human body and then turn on
the light. Test the coverage of the area by walking slowly around and adjust the lamp housings to
accordingly. Remember the sensor will continue to detect and turn the lights on while movement is
seen in the detection area.

Cleaning & Maintenance

It is important that the solar panel is kept free of dirt and debris. A dirty solar panel will not allow the battery to fully charge and this will shorten the life of battery and cause the light to malfunction. Occassionally wipe the solar cell and sensor lens with a soft damp cloth. Do not use detergents.

Storage

If you wish to store your light indoors for more than two or three days, follow these steps to prevent damage to battery.
1. Press the switch button to "OFF" position
2. Store the light and solar panel where it can receive some sunlight or room light each day. The battery needs light to maintain a charge during storage
3. During prolonged storage, unit must be fully charged **once every four months**. For best performance, do not store for prolonged periods.

Troubleshooting

| Problem	Possible Cause	Solution
Light won't activate in normal operation	1. The main switch button is "OFF".	1. Make sure the switch button is pressed down to the "ON" position.
	2. The sensor is not directed towards the detection area.	2. Adjust or relocate the sensor to face oncoming movement
	3. The battery is flat.	3. Angle the solar panel so that it gets plenty of direct sunlight for most of day, if not the entire day. For full battery recovery, press the switch button up to "OFF". Position and let the battery charge for 2 sunny days.
Light turns on during day	The Lux control is set to daylight	Adjust the Lux control knob to (☽) position
Light quickly flashes on and off	1. Lux control needs adjusting	1. Move the Lux Control toward (+)
	2. Low battery	2. Charge for 2 sunny days (switch turned to 'OFF')
Light is not as bright as normal	Low battery	Charge for 2 sunny days (switch turned to 'OFF')
Light is constantly turning OFF and ON	1. Sensor is detecting moving trees	1. Relocate sensor
	2. Sensor is in the vicinity of heat flues	2. Relocate sensor

Disposal

Please dispose of this product thoughtfully once it has passed its useful life. When your light fitting comes to the end of its life or you choose to update or upgrade it, please do not dispose of it with your normal household waste. Please recycle where facilities exist. When disposing of this fitting, check with your local authority for suitable options.

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